

1 1. An access fitting for an opening in the wall of a gas sampling bag, said fitting
2 comprising:
3 a housing having a base and a cap located respectively on interior and exterior sides of
4 said wall, said base and said cap being provided respectively with inner and
5 outer ports aligned with said opening to provide a through passageway
6 communicating with the interior of said bag;
7 a septum interposed between said cap and the exterior side of said wall, said septum
8 having a hole therein and being slidably adjustable between an open position at
9 which said hole is aligned with said passageway, and a closed position at which
10 said hole is removed from said passageway and said passageway is blocked by
11 an imperforate segment of said septum; and
12 a tubular connector received in said outer port, said connector being axially adjustable
13 between an advanced position frictionally resisting sliding adjustment of said
14 septum, and a retracted position accommodating such adjustment.

1 2. The access fitting of claim 1 further comprising an interior gasket interposed
2 between said base and the interior side of said wall.

1 3. The access fitting of claims 1 or 2 further comprising an exterior gasket element
2 interposed between said cap and the exterior side of said wall.

1 4. The access fitting of claim 3 wherein said septum is slidably interposed between
2 said cap and said exterior gasket element.

1 5. The access fitting of claim 1 wherein said tubular connector is threaded into said
2 outer port and is rotatably adjustable between said advanced and retracted positions.

1 6. The access fitting of claims 1 or 5 wherein said tubular connector bears against
2 said septum when in its advanced position.

1 7. The access fitting of claim 1 further comprising gasket elements interposed
2 between said wall and said base and cap, said base, gasket elements, septum and connector being
3 formed from a perfluoroplastic material.

1 8. The access fitting of claim 7 wherein said perfluoroplastic material is
2 polytetrafluoroethylene.

1 9. The access fitting of claim 1 wherein said cap is connected to said base by
2 fasteners extending through said wall.

1 10. The access fitting of claim 9 wherein said fasteners are isolated from the interior
2 of said bag by said base.

1 11. The access fitting of claim 8 wherein said gasket elements are formed from
2 expanded polytetrafluoroethylene.

1 12. The access fitting of claim 1 wherein said septum comprises an elongated strip
2 longitudinally slidable between said open and closed positions.

1 13. The access fitting of claim 12 wherein said cap is provided with a guide channel
2 in which said septum is slidably confined.

1 14. The access fitting of claim 1 wherein said tubular connector is detachable from
2 said cap.